

Journal Publications of Richard P. Woodward
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Hall, DG, and RP Woodward. *Assessment of Noise Control Measures for a Model Advanced Ducted Propulsor*. Vol. 33(3), *J Aircraft*. 1996.

NALLASAMY, M, RP WOODWARD, and JF GROENEWEG. *High-Speed Propeller Performance and Noise Predictions At Takeoff Landing Conditions*. Vol. 26(6), *J Aircraft*. 1989.

NALLASAMY, M, RP WOODWARD, and JF GROENEWEG. *High-Speed Propeller Performance and Noise Predictions At Takeoff Landing Conditions*. Vol. 26(6), *J Aircraft*. 1989.

WOODWARD, RP. *Noise of 2 High-Speed Model Counter-Rotation Propellers At Takeoff Approach Conditions*. Vol. 29(4), *J Aircraft*. 1992.

WOODWARD, RP. *Aeroacoustics*. Vol. 31(12), *Aerospace Am*. 1993.

WOODWARD, RP, and JR BALOMBIN. *Tone Generation By Rotor-Downstream Strut Interaction*. Vol. 21(2), *J Aircraft*. 1984.

WOODWARD, RP, LA BOCK, LJ HEIDELBERG, and DG HALL. *Model Ducted Propulsor Noise Characteristics At Takeoff Conditions*. Vol. 31(5), *J Aircraft*. 1994.

Woodward, RP, DM Elliott, CE Hughes, and JJ Berton. *Benefits of Swept-and-Leaned Stators for Fan Noise Reduction*. Vol. 38(6), *J Aircraft*.. 2001.

WOODWARD, RP, and FW GLASER. *Effect of Inflow Control on Inlet Noise of a Cut-on Fan*. Vol. 19(3), *Aiaa J*. 1981.

WOODWARD, RP, and FW GLASER. *Wind-Tunnel Measurements of Blade Vane Ratio and Spacing Effects on Fan Noise*. Vol. 20(1), *J Aircraft*. 1983.

WOODWARD, RP, FW GLASER, and JG LUCAS. *Low Flight Speed Fan Noise From a Supersonic Inlet*. Vol. 21(9), *J Aircraft*. 1984.

Woodward, RP, CE Hughes, and GG Podboy. *Fan Noise Reduction With Increased Bypass Nozzle Area*. Vol. 43(6), *J Aircraft*. 2006.

WOODWARD, RP, and IJ LOEFFLER. *In-Flight Source Noise of an Advanced Large-Scale Single-Rotation Propeller*. Vol. 30(6), *J Aircraft*. 1993.

WOODWARD, RP, IJ LOEFFLER, and JH DITTMAR. *Measured Far-Field Flight Noise of a Counterrotation Turboprop At Cruise Conditions*. Vol. 34(3), *Noise Control Eng*. 1990.

WOODWARD, RP, JA WAZYNIK, LM SHAW, and MJ MACKINNON. *Effectiveness of an Inlet Flow Turbulence Control Device to Simulate Flight Fan Noise in an Anechoic Chamber*. Vol. 62, *J Acoust Soc Am*. 1977.